

EX / 1 / MTRP – 101  
MTRP 1<sup>st</sup> Semester Examination

Subject: Planning Principles and Techniques

Code No. MTRP -- 101

Full Marks: 100

Time: 3 hours

- (i) Candidates are required to give their answers in their own words.
- (ii) Use graphics and figures wherever necessary.
- (iii) Attempt any **Five** questions.
- (iv) All questions carry equal marks.

1. Narrate with the help of example ; how the Human Settlement system evolved.
2. Describe the planning process in general and physical planning process in particular with the help of flowchart and graphics.
3. Establish your view point on the ability of 'Von Thunen's Theorem' in describing the land use distribution pattern in a human settlement system.
4. Describe the phenomena of static and dynamic equilibrium with example from different field of sciences.
5. "Hierarchy of services, Threshold population and Rank of Human settlement are highly correlated" - justify.
6. Describe the dynamics of location of land use in a human settlement.
7. Prepare a plan of analysis (along with logic) of data required for preparation of Development Plan of a human settlement.
8. Write in detail on any **four** of the following concepts:
  - a) Location criterion of residential use
  - b) Push and Pull factor of urbanisation
  - c) Open and close loop system
  - d) Contact function
  - e) Complimentarily
  - f) Compatibility